



STR : LINEAR STRIP

FEATURES

- Available in 2 ft, 4 ft, and 8 ft versions
- One for one alternative LED solution to fluorescent strip luminaires
- PowerSet feature allows for multiple “set and forget” lumen stops in each fixture
- FieldCCeT feature allows for multiple “set and forget” CCT options in each fixture
- Continuous dimming to 10%

LISTINGS

- UL Listed for dry/damp locations
- DesignLights Consortium® Premium Qualified - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- Rated lifetime L90: >36,000 hours
- PowerSet: 2': 24/20/16W, 4': 45/38/34W, or 8': 90/75/65W
- 3500K, 4000K, 5000K, or FieldCCeT 35/40/5000K selectable CCT
- CRI: 80+

THERMAL

- -4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

- Input voltage: 120-277V
- Dimmable power supply (0-10V dimming)
- Power Factor: >0.9
- THD: <20%

CONSTRUCTION

- Powder coated steel construction
- Extruded acrylic lens provides even illumination and resists yellowing

WARRANTY

- 5 year limited warranty; see eiko.com for warranty details
- Additional warranty options available; consult EiKO for details

| | |
|----------------|---------|
| project name | type |
| catalog number | |
| comments | voltage |
| approved by | date |



APPLICATIONS

- Storage areas
- Utility areas
- Coves
- Display cases
- Retail
- Task lighting
- General area lighting



ORDERING INFORMATION

EXAMPLE: STR8-60/D0/840-U-D

| Model | Length | Package | CRI/CCT | Voltage | Dimming | Options |
|------------------------|----------|--|---|--------------|-------------------|---|
| STR : LED Linear Strip | 2 - 2 ft | PS24 - 24/20/16W PS45 - 45/38/34W PS90 - 90/75/65W | 835 - 80 CRI; 3500K | U - 120-277V | D - 0-10V Dimming | Additional fixture options available; see chart on p. 2 |
| | 4 - 4 ft | | 840 - 80 CRI; 4000K | | | |
| | 8 - 8 ft | | 850 - 80 CRI; 5000K FCCT - FieldCCeT 35/40/5000K | | | |

PERFORMANCE SUMMARY

| Order Code | Item # | Length | Watts | Nominal Lumens | CCT | CRI | Volts | Dimming | DLC |
|------------|-------------------|--------|-------------|---------------------|-------------|-----|----------|---------|-----|
| 11316 | STR2/PS24/835/UD | 2' | 24W/20W/16W | 3,100/2,600/2,100 | 3500K | 80+ | 120-277V | 0-10V | ✓ |
| 11317 | STR2/PS24/840/UD | 2' | 24W/20W/16W | 3,100/2,600/2,100 | 4000K | 80+ | 120-277V | 0-10V | ✓ |
| 11318 | STR2/PS24/850/UD | 2' | 24W/20W/16W | 3,100/2,600/2,100 | 5000K | 80+ | 120-277V | 0-10V | ✓ |
| 11016 | STR4/PS45/835/UD | 4' | 45W/38W/34W | 6,000/5,100/4,650 | 3500K | 80+ | 120-277V | 0-10V | ✓ |
| 11017 | STR4/PS45/840/UD | 4' | 45W/38W/34W | 6,000/5,100/4,650 | 4000K | 80+ | 120-277V | 0-10V | ✓ |
| 11018 | STR4/PS45/850/UD | 4' | 45W/38W/34W | 6,000/5,100/4,650 | 5000K | 80+ | 120-277V | 0-10V | ✓ |
| 11019 | STR4/PS45/FCCT/UD | 4' | 45W/38W/34W | 6,000/5,100/4,650 | 35/40/5000K | 80+ | 120-277V | 0-10V | ✓ |
| 11020 | STR8/PS90/835/UD | 8' | 90W/75W/65W | 11,800/10,100/9,000 | 3500K | 80+ | 120-277V | 0-10V | ✓ |
| 11021 | STR8/PS90/840/UD | 8' | 90W/75W/65W | 11,800/10,100/9,000 | 4000K | 80+ | 120-277V | 0-10V | ✓ |
| 11022 | STR8/PS90/850/UD | 8' | 90W/75W/65W | 11,800/10,100/9,000 | 5000K | 80+ | 120-277V | 0-10V | ✓ |
| 11023 | STR8/PS90/FCCT/UD | 8' | 90W/75W/65W | 11,800/10,100/9,000 | 35/40/5000K | 80+ | 120-277V | 0-10V | ✓ |

AVAILABLE ACCESSORIES

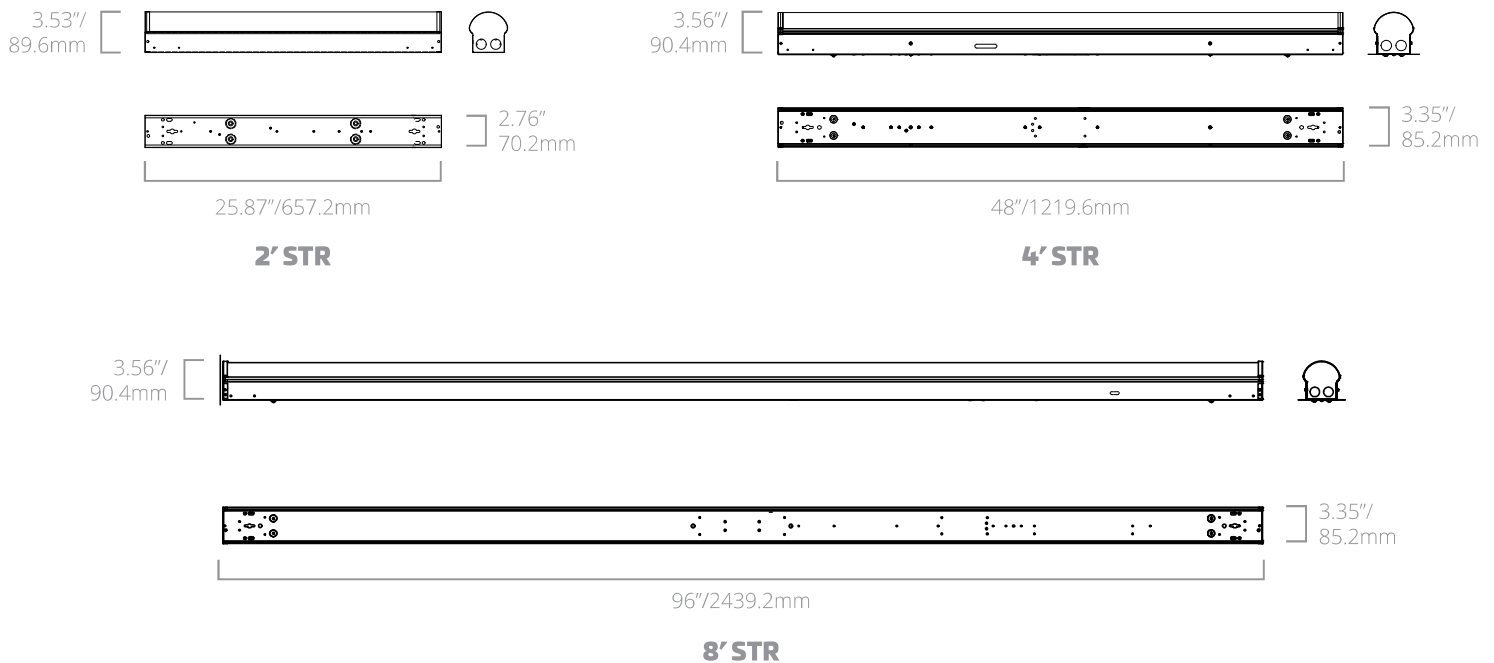
| Order Code | Item # | Description |
|------------|------------|------------------------------------|
| 09823 | STR-LCK | LED Strip, Linear Connection Kit |
| 09788 | STR-4-WG-W | Wire Guard, 4 ft. LED Strip, White |
| 10357 | STR8-WG-W | Wire Guard 8 ft LED Strip, White |
| 10713 | STR-V HOOK | V-Hooks for STR Fixtures |
| 10892 | STR-SMJB | STR Side Mount J-Box |

ADDITIONAL FACTORY INSTALLED OPTIONS

EXAMPLE: STR4/PS45/840/UD-S1A

- S1A** - SEN-S1A-KO Sensor
- 3A** - SEN-3A-KO Sensor
- 3AA** - SEN-3AA-KO Sensor
- 3B** - SEN-3B-KO Sensor
- EM8W** - 8W Emergency Battery
- EM15W** - 15W Emergency Battery
- EM20W** - 20W Emergency Battery

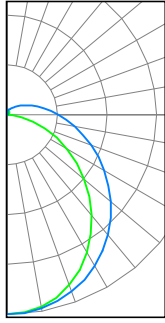
DIMENSIONS



PHOTOMETRICS

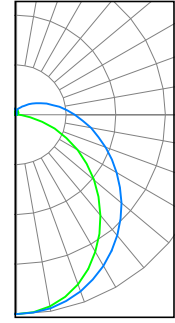
STR2/PS24/840/UD (Typical performance @24W, 4000K)

| ZONAL LUMEN SUMMARY | | |
|---------------------|---------|----------|
| Zone | Lumens | %Fixture |
| 0-20 | 335.76 | 10.3% |
| 0-30 | 709.17 | 21.9% |
| 0-40 | 1155.29 | 35.6% |
| 0-60 | 2045.62 | 63.0% |
| 0-80 | 2676.37 | 82.5% |
| 0-90 | 2866.75 | 88.3% |
| 90-180 | 378.48 | 11.7% |
| 0-180 | 3245.23 | 100% |



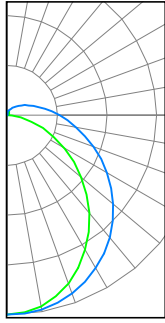
STR4/PS45/840/UD (Typical performance @45W, 4000K)

| ZONAL LUMEN SUMMARY | | |
|---------------------|---------|----------|
| Zone | Lumens | %Fixture |
| 0-20 | 623.04 | 10.1% |
| 0-30 | 1315.34 | 21.2% |
| 0-40 | 2143.6 | 34.6% |
| 0-60 | 3811.17 | 61.5% |
| 0-80 | 5025.43 | 81.1% |
| 0-90 | 5404.63 | 87.2% |
| 90-180 | 790.94 | 12.8% |
| 0-180 | 6195.57 | 100% |



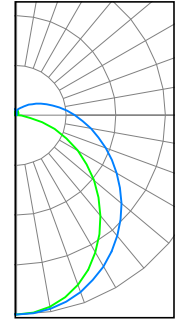
STR4/PS45/FCCT/UD (Typical performance @45W, 4000K)

| ZONAL LUMEN SUMMARY | | |
|---------------------|---------|----------|
| Zone | Lumens | %Fixture |
| 0-20 | 672.10 | 10.4% |
| 0-30 | 1419.33 | 22.0% |
| 0-40 | 2312.26 | 35.8% |
| 0-60 | 4093.55 | 63.4% |
| 0-80 | 5344.79 | 82.8% |
| 0-90 | 5715.29 | 85.9% |
| 90-180 | 738.09 | 11.4% |
| 0-180 | 6453.37 | 100% |



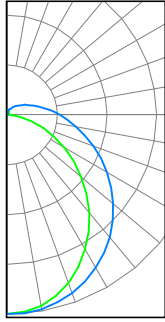
STR8/PS90/840/UD (Typical performance @90W, 4000K)

| ZONAL LUMEN SUMMARY | | |
|---------------------|----------|----------|
| Zone | Lumens | %Fixture |
| 0-20 | 1218.92 | 10.1% |
| 0-30 | 2573.33 | 21.2% |
| 0-40 | 4193.74 | 34.6% |
| 0-60 | 7456.17 | 61.5% |
| 0-80 | 9831.74 | 81.1% |
| 0-90 | 10573.62 | 87.2% |
| 90-180 | 1547.4 | 12.8% |
| 0-180 | 12121.01 | 100% |



STR8/PS90/FCCT/UD (Typical performance @90W, 4000K)

| ZONAL LUMEN SUMMARY | | |
|---------------------|----------|----------|
| Zone | Lumens | %Fixture |
| 0-20 | 1315.97 | 10.4% |
| 0-30 | 2779.05 | 22.0% |
| 0-40 | 4527.42 | 35.8% |
| 0-60 | 8015.17 | 63.4% |
| 0-80 | 10465.09 | 82.8% |
| 0-90 | 11190.52 | 88.6% |
| 90-180 | 1445.18 | 11.4% |
| 0-180 | 12635.7 | 100% |



SCALING FACTORS

| POWERSET | | FIELDCCET | | | |
|----------|-------|-------------------------|-------|-------|-------|
| FIXTURE | WATTS | 3000K 4000K 5000K | 3500K | 4000K | 5000K |
| 2' | 24 | 1.00 | N/A | | |
| | 20 | 0.87 | | | |
| | 16 | 0.69 | | | |
| 4' | 45 | 1.00 | 0.93 | 1.00 | 0.96 |
| | 38 | 0.88 | 0.81 | 0.87 | 0.83 |
| | 34 | 0.80 | 0.73 | 0.78 | 0.75 |
| 8' | 90 | 1.00 | 0.93 | 1.00 | 0.96 |
| | 75 | 0.88 | 0.81 | 0.87 | 0.83 |
| | 65 | 0.80 | 0.73 | 0.77 | 0.74 |